

## CHANNEL COMMUNICATION APPARATUS AND METHOD IN CDMA COMMUNICATION SYSTEM

Publication number: JP2002522988 (T)

Publication date: 2002-07-23

Inventor(s):

Applicant(s):

Classification:

- international: H04B1/707; H04B7/005; H04B7/216; H04B7/26; H04J13/02;  
H04M3/00; H04W52/32; H04W52/42; H04W52/16; H04W52/34;  
H04B1/707; H04B7/005; H04B7/204; H04B7/26; H04J13/02;  
H04M3/00; H04W52/00; (IPC1-7): H04B1/707; H04B7/26;  
H04C7/38

- European: H04W52/32C; H04M3/00

Application number: JP20000564393T 19990804

Priority number(s): KR19980031952 19980804; KR19980033359 19980814;  
KR19980036679 19980903; WO1999KR00430 19990804

Also published as:

JP3447265 (B2)

WO0008869 (A2)

WO0008869 (A3)

RU2196681 (C2)

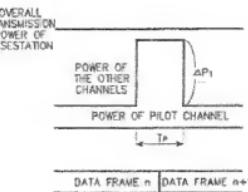
PL196661 (B1)

more >>

Abstract not available for JP 2002522988 (T)

Abstract of corresponding document: WO 0008869 (A2)

A channel communication apparatus and method are provided for a CDMA communication system method for acquiring signals from multiple adjacent base stations by a terminal; for providing more efficient set management; for providing more efficient multipath acquisition and finger assignment; and for acquiring a signal sent from an adjacent base station and a multipath signal which can reduce power consumption and hardware complexity in the terminal. The apparatus and methods also accurately measure the power or time delay of a signal received from a base station by a terminal in a forward link and vice versa. A channel communication apparatus and method are provided for a CDMA communication system for acquiring signals from multiple adjacent base stations by a terminal. Each base station sends temporarily a pilot signal at an increased power level so that a terminal can acquire sequentially the pilot signals sent from all adjacent base stations to accurately measure the received pilot signal strength or time of arrival to estimate the location of a terminal in a forward link. By means of the method set management, multipath acquisition and finger assignment can be advantageously improved and power consumption and hardware complexity of the terminal can be decreased.



Data supplied from the **espacenet** database — Worldwide